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Karen Cinq-Mars

(Signature)

(Date)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of : November 19, 2003  
Huang et al. :  
Serial No. : Examiner:  
Filed: Herewith : IBM Corporation  
Dept. 18G/Bldg. 300-482  
Title: SILICON-CONTAINING RESIST 2070 Route 52  
SYSTEMS WITH CYCLIC KETAL PROTECTING Hopewell Junction,  
GROUPS : New York 12533-6531

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents  
P. O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In compliance with the duty of disclosure under  
37 C.F.R. § 1.56 and in accordance with the practice under  
37 C.F.R. §§ 1.97 and 1.98, the Examiner's attention is directed to  
the documents listed on the enclosed Form PTO-1449. Copies of the  
listed documents are also enclosed, excluding US patents.

It is respectfully requested that the above information be  
considered by the Examiner and that a copy of the enclosed Form  
PTO-1449 be returned indicating that such information has been  
considered.

Applicants undersigned attorney may be reached by telephone

FIS920030377US1

at (845) 894-6919. All correspondence should continue to be directed to the below listed address.

Respectfully submitted,



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TML/kcm

**INFORMATION DISCLOSURE CITATION***(Use several sheets if necessary)*

ATTY DOCKET NO.

FIS920030377

SERIAL NO.

Huang et al.

FILING

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**U.S. PATENT DOCUMENTS**

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	2002/0081520	06-27-02	Sooriyakumaran et al.			
	2001/0036594	11-01-01	Kozawa et al.			
	6,531,260	03-11-03	Iwasawa et al.			
	6,420,088	07-16-02	Angelopoulos et al.			
	6,623,909	09-23-03	Hatakeyama et al.			
	2003/0113658	06-19-03	Ebata et al.			
	6,043,003	03-28-00	Bucchignano et al.			
	6,037,097	03-14-00	Bucchignano et al.			
	5,712,078	01-27-98	Huang et al.			
	6,087,064	07-11-00	Lin et al.			
	2002/0090572	07-11-02	Sooriyakumaran et al.			

**FOREIGN PATENT DOCUMENTS**

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO

**OTHER DOCUMENTS** (Including Author, Title, Date, Pertinent Pages, Etc.)

		"Effects of resist components on image spreading during postexposure bake of chemically amplified resists", Hinsberg et al. Proceedings of SPIE Vol. 3999 (2000), ppgs. 148-160
		"Determination of coupled acid catalysis-diffusion processes in a positive-tone chemically amplified photoresist" Houle et al. Journal Vac. Sci. Technology B 18 (4) Jul/Aug 2000, ppgs. 1874-1885
		"Direct measurement of the reaction front in chemically amplified photoresists" Lin et al. Science, Vol. 297, 19 July 2002, ppgs. 372-375
		"Modeling and simulations of a positive chemically amplified photoresist for ex-ray lithography", Krasnoperova et al., Journal Vac. Sci. Technology B 12 (6) Nov/Dec 1994, ppgs. 3900-3904

EXAMINER

DATE CONSIDERED

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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## **U.S. PATENT DOCUMENTS**

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	5,985,524	11-16-99	Allen et al.			
	2002/0058204	05-16-02	Khojasteh et al.			
	2003/0073040	04-17-03	Iwasawa et al.			
	6,420,084	07-16-02	Angelopoulos et al.			

## **FOREIGN PATENT DOCUMENTS**

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
	0 628 876 A1	05-25-94	EPO				

## **OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**

	Appl. no. 10/241,937, FIS9-2002-0059	"Low silicon-outgassing resist for bilayer lithography" Kwong et al. Filed 9-11-02
	Appl. no. 10/604,082, FIS9-2003-0154US1	"Process for forming features of 50 nm or less half-pitch with chemically amplified resist imaging" Medeiros et al., Filed 06-25-03

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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.